

United States Environmental Protection Agency

**WELL REWORK RECORD, PLUGGING AND ABANDONMENT PLAN,
OR PLUGGING AND ABANDONMENT AFFIDAVIT**

Name and Address, Phone Number and/or Email of Permittee

Merit Energy Company, LLC
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Dallas, TX 75240
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Permit or EPA ID Number

WY20000-02182

API Number

49-013-06851

Full Well Name

Shoshone 65 42

State

Wyoming

County

Fremont

Locate well in two directions from nearest lines of quarter section and drilling unit

Latitude 43.5373409

Surface Location

NW 1/4 of SE 1/4 of Section 36 Township 7N Range 3W

Longitude -109.0620095

1677 ft. from (N/S) S Line of quarter section

2350 ft. from (E/W) E Line of quarter section.

Well Class

Timing of Action (pick one)

Type of Action (pick one)

☐ Class I☒ Class II☐ Class III☐ Class V☐ Notice Prior to Work

Date Expected to Commence

☒ Report After Work

Date Work Ended 6/3/2022

☐ Well Rework☒ Plugging and Abandonment☐ Conversion to a Non-injection Well

Provide a narrative description of the work planned to be performed, or that was performed. Use additional pages as necessary. See Instructions.

Merit Energy Company submits the attached revised daily reports and wellbore diagram following plug and abandonment.

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR § 144.32)

Name and Official Title (Please type or print)

Eric Kittinger
Senior Regulatory Analyst

Signature

Date Signed

10/26/2022

Well Name: Shoshone 65 42

Daily Operations

Report Start Date 4/27/2022	Primary Activity
Operations Summary Road to location from Chatterton. MORU. ND flowline, RU workfloor and tongs. Release AD-1 pkr. Spot in trailer. LD 21 jts 2-3/8" tbg to TOH. LD pkr. Secure well w/ last jt. PU tools/location. RDMO.	
Report Start Date 6/1/2022	Primary Activity
Operations Summary MIRUSU, N/D wel head, N/U BOP, Spot in equipment, SIW, SDFN.	
Report Start Date 6/2/2022	Primary Activity
Operations Summary Spot in work string, Tally tbg, P/U 5 1/2 B&S, TIH w/ 34 jts & tag @ 1056', L/D 8 jts & stand back 13 stands, L/D B&S, P/U 5 1/2 CICR, TIH w/ 26 jts & 5 1/2 CICR, Set CICR @ 804', Sting out & roll hole w/ 25 bbls of fresh water, Shut in 5 1/2 csg valve & MIT csg @ 500 psi for 10 min test passed, Sting into CICR & est injection rate w/ 3 bbl/min @ 200 psi, Mix & pump 55 sx of cement below w/ 3bbl/min @ 150 psi, Sting out & spot 6 sx on top, L/D 5 jts, Mix & pump 8.5 bbls of 9 ppg mud from 650'-300', L/D 14 jts, Consult w/ Tom McMahon w/ the BLM to amend the procedure as follows mix & pump 20 sx of cement from 219'-50' from surface instead of shooting perfs @ 200' & circulating cement due to no surface csg, Mix & pump 20 sx of cement from 219'-50' from surface, L/D 7 jts & stinger sub, RDMOSU & get equipment ready to move, SIW, SDFN.	
Report Start Date 6/3/2022	Primary Activity
Operations Summary N/D BOP, Dig up around well head, Cut off 5 1/2 csg 3' BGL, RIH w/ 1" polly 50', Mix & pump 10 sx of cement to surface in 5 1/2 csg, Weld on plate w/ well legals & backfill, Dig up anchors & back fill, Move equipment & clean up location.	
Report Start Date 9/29/2022	Primary Activity
Operations Summary Roaded rig to Circle Ridge Shoshone 65-42, rigged up on well, nipped up BOP, nipped up washington head, rigged up floor, Rigged up power swivel, made up bit, bit sub and first joint, shut in well, rigged up hard line, SDFN	
Report Start Date 9/30/2022	Primary Activity
Operations Summary Started drilling blance plug, drilled to 198' fell through cement and circulated till clean then tripped out laying down. SDFN	
Report Start Date 10/3/2022	Primary Activity
Operations Summary Rigged up wire line, rigged down the floor, Nipped down, rigged the floor up, ran in with 5 1/2 casing spear pulled up to 30K over with no movement, Released the spear broke down spear laid down joint, nipped up and rigged up the floor, rigged up wire line to run in and perforate casing at 200', pumped 10 bbl of water and got it to come up through the ground approx. 10' ft from the well head, Rigged down.	
Report Start Date 10/4/2022	Primary Activity
Operations Summary R/U pump truck, Est circ w/ 5 bbls of fresh water, Mix & pump 125 sx of cement w/ cement returns to surface, SIW, Cut & cap in the morning.	
Report Start Date 10/5/2022	Primary Activity
Operations Summary Cut off 5 1/2 csg, Cement was at surface, Weld on plate w/ well legals & back fill, Dig up anchors & back fill.	

Well Name: Shoshone 65 42

API/ULI 490130685100	Lease Line Legal Desc NW/SE, SEC 36, T7N, R3W	Well Name Shoshone 65 42	License #	State WYOMING	Well Configuration Type
Original KB Elevation (ft) 7,265.00	KB-Tubing Head Distance (ft) 7,265.00	Original Spud Date 1/1/1900 00:00	Rig Release Date	PBTD (Alt) (ftKB)	Total Depth Alt (TVD) (ftKB)

Most Recent Job

Job Category Plug & Abandon	Primary Job Type Permanently Abandon Well	Secondary Job Type	Job Start Date 4/27/2022	Job End Date
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TD: 1,150.0

SHOSHONE-65 42, 10/26/2022 9:02:44 AM

MD
(ftKB)

Vertical schematic (actual)

11.2	Cement Squeeze; 14.0-201.0; 10/4/2022
14.1	Cement Plug; 14.0-50.0; 6/3/2022
49.9	Cement Plug; 50.0-198.0; 6/2/2022
198.2	Squeezed; 200.0-201.0; 10/3/2022
200.1	9 PPG MUD; 300.0-650.0; 6/2/2022
201.1	Production 1; 11.0-1,150.0; 12/8/1954
299.9	Casing Joints; 5 1/2; 5.01; 14.0-1,149.0; 1,135.00
361.9	Production Casing Cement; 362.0-827.0; 12/8/1954; 70 sacks reg. ideal cement through 2-stage collar at 827'. Cement top at 362' by calculation. Trace of stratolite cement in returns.
649.9	Cement Plug; 752.8-804.0
752.6	Cement Retainer; 804.0-806.0; 6/2/2022
804.1	Cement Plug; 806.0-1,114.0; 6/2/2022
806.1	ACID; 846.0-874.0; 10/25/1985
827.1	PERFORATED; 846.0-874.0; 10/23/1985
846.1	ACID; 854.0-876.0; 12/11/1954
854.0	PERFORATED; 854.0-876.0; 12/11/1954
874.0	ACID; 854.0-876.0; 12/13/1954
876.0	Polymer; 846.0-1,114.0; 4/1/1997
996.1	Production Casing Cement; 827.0-1,150.0; 12/8/1954; 70 sacks Stratolite cement through shoe. Cement top at 2-stage collar by calculation.
1,000.0	ACID; 996.0-1,010.0; 10/25/1985
1,009.8	PERFORATED; 996.0-1,010.0; 10/23/1985
1,012.1	PERFORATED; 1,000.0-1,012.0; 12/11/1954
1,023.0	PERFORATED; 1,025.0-1,033.0; 12/11/1954
1,024.9	ACID; 1,023.0-1,036.0; 10/25/1985
1,033.1	PERFORATED; 1,023.0-1,036.0; 10/23/1985
1,036.1	ACID; 1,000.0-1,114.0; 12/11/1954
1,055.1	ACID; 1,000.0-1,114.0; 12/13/1954
1,061.0	PERFORATED; 1,055.0-1,061.0; 12/11/1954
1,096.1	PERFORATED; 1,096.0-1,114.0; 12/11/1954
1,113.8	Production Casing Cement (plug); 1,124.0-1,150.0; 12/8/1954;
1,124.0	70 sacks Stratolite cement through shoe. Cement top at 2- stage collar by calculation.
1,149.0	
1,149.9	TD - SHOSHONE-65 42; 1,150.0; 12/8/1954